

ABSTRACT OF THE DISCLOSURE

A method for determining display element attribute values from an object  
5 represented by the display element includes defining a display element view including at  
least one elementary view that is capable of determining a display element attribute  
value, receiving a display element attribute value request, determining the first view for  
the display element and ascertaining at least one display element attribute value for the  
display element based upon the first view. An apparatus for determining display element  
10 attribute values from an object represented by the display element includes a definer to  
define a display element view including at least one elementary view that is capable of  
determining a display element attribute value, a receiver to receive a display element  
attribute value request, a determiner to determine the first view for the display element  
and an ascertainment to ascertain at least one display element attribute value for the display  
15 element based upon the first view.